

AVERAGE WEEKLY ROOM USAGE IN CLASS LABORATORIES

TABLE 4

The assessment of class laboratories is often difficult because of the specialized nature of a class laboratory as well as its interrelationship with a particular course of instruction. Laboratories should be evaluated on use, requirements, cost of operation and relationships to other laboratories.

The average room hours of instruction in laboratories is the ratio of the total room hours of instruction per week to the total number of classes which are designated with a room type of "210" (laboratories). Total room hours is obtained by multiplying the class duration (amount of time a class meets per week or class length) by the number of days a class meets per week.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. The sum of "daytime" and "nighttime" is reflected in "all hours."

Norm: Optimum use of class labs is 20 hours per week.

$$\text{Average Room Hours} = \frac{\text{Total Room Hours of Instruction in Labs}}{\text{Total Number of Labs}}$$

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE	
Mon.	13:00 - 16:00	17	210	1 day * 3 hours = 3
Tues.	13:30 - 16:30	14	210	1 day * 3 hours = 3
Mon./Wed./Fri.	9:00 - 10:00	25	210	3 days * 1 hour = 3
Mon./Wed./Fri.	10:00 - 11:00	35	210	3 days * 1 hour = 3
Tues./Thurs.	11:00 - 12:30	30	210	2 days * 1.5 hr = 3
Wed.	11:00 - 14:00	29	210	1 day * 3 hours = 3
Fri.	11:00 - 14:00	21	210	1 day * 3 hours = 3
Mon.	13:00 - 16:00	22	210	1 day * 3 hours = 3
Wed.	18:00 - 21:00	13	210	1 day * 3 hours = 3
Mon.	19:00 - 22:00	16	210	1 days * 3 hours = 3

				TOTAL 30

The last two classes listed in the sample data start after 17:00 which is considered nighttime, so

six hours would be placed under "Nighttime". The remaining twenty-four hours would be placed under "Daytime". "Total Room Hours" would be thirty. The sample report uses 90 as the total number of rooms classified with a room type of "210" (laboratories).

$$\begin{array}{rcl} \text{Total Room Hours of Instruction} & = & 30 \\ \hline & & \text{-----} \\ \text{Total Number of Class Laboratories} & = & 90 \end{array} \quad \text{-----} = .33$$

The report for one institution would look like this:

	FTE	Total Room Hours	Daytime	Nighttime	All Hours
Institution	5,411	30.00	24.00	6.00	.33

TABLE 4
AVERAGE WEEKLY ROOM USAGE
IN CLASS LABORATORIES

INSTITUTION	FTE	TOTAL ROOM HOURS	DAYTIME	NIGHTTIME	ALL HOURS				
					2000	1999	1998	1997	1996
PUBLIC FOUR YEAR INSTITUTIONS									
LSU A&M (Including Ag. & Law)	28,654	2,296	2,069	227	12.6	12.7	14.1	14.5	13.1
University of Louisiana in Lafayette	13,405	924	808	117	9.2	9.9	10.7	11.1	11.4
Southeastern Louisiana University	12,339	690	631	59	13	19.9	21.1	14.1	15.0
University of New Orleans	11,769	570	507	63	8.5	8.5	9.5	10.1	10.8
Louisiana Tech University	9,327	674	614	60	4.8	10.7	13.6	12.9	13.1
Southern University A&M	8,738	980	894	86	8.3	**	8.2	8.2	8.1
University of Louisiana in Monroe	8,225	854	745	109	8.5	9.8	17.3	18.1	15.8
Northwestern State University	7,841	1,108	824	284	9.6	10.8	10.2	9.1	8.2
McNeese State University	6,551	760	669	91	11.0	11.8	9.3	9.4	10.0
Nicholls State University	6,257	585	540	45	6.9	9.1	10.3	10.6	9.4
Grambling State University	4,253	463	407	56	6.2	8.8	5.8	5.0	6.8
Southern University at New Orleans	3,187	469	327	142	7.5	7.1	7.1	5.4	6.5
LSU in Shreveport	2,818	288	218	70	6.8	**	5.9	6.9	7.8
PUBLIC TWO YEAR INSTITUTIONS									
Delgado Community College	8,163	1,399	1,032	367	13.5	15.0	16.0	17.6	16.8
LSU at Eunice	1,903	187	171	16	12.4	10.0	11.3	13.3	13.5
Baton Rouge Community College	1,726	186	137	49	15.4	19.0			
LSU at Alexandria	1,491	139	128	12	10.6	8.3	8.6	7.7	6.2
Elaine P. Nunez Community College	1,204	273	186	88	17.0	**	**	**	25.5
Southern University at Shreveport	925	151	130	21	6.8	5.1	5.0	6.8	9.3
River Parishes Community College	184	3	3	0	1.5				

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY ROOM USAGE IN LABORATORIES (TABLE 4) 2000

HOURS OF INSTRUCTION

